Receipt date: 07/28/2005		10001643 Sherts (4): 373
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
	19603/3541 (CRF D-2694AD PE	10/001,643
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT C	
	Hyman et al. 3 JUL 2 8 2005 6	
(use several sheets if necessary)	FILING DATE October 31, 2001	GROUP ART UNIT
(PTO-1449)	October 31, 2001	3737

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	1	5,034,613	07/23/91	Denk et al.			
	2	5,115,137	05/19/92	Andersson-Engels, et al.			
	3	5,353,790	10/11/94	Jacques et al.			
	4	5,421,337	06/06/95	Richards-Kortum et al.			
	5	5,590,660	01/07/97	MacAulay et al.			
	6	5,697,373	12/16/97	Richards-Kortum et al.		1	
	7	5,699,795	12/23/97	Richards-Kortum et al.			
	8	5,827,190	10/27/98	Palcic et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
9	0 512 965 A1	11/11/92	Europe			
10	0 920 831 A1	06/09/99	Europe			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

11	Tromberg et al., "Optical Fiber Fluoroprobes for Biological N	deasurements,"	
Applied Spectroscopy 38(1):38-42 (1984)			
12	inkel et al., "Remote Two-Photon Excited Fluorescence Sensing in a Simulated Fermentation Broth,"		
	Analytica Chimica Acta 263:131-136 (1992)		
13	13 Williams et al., "Mucosal Mast Cell Secretion Processes Imaged Using Three-Photon Microscopy of 5-Hydroxytryptamine		
Autofluorescence," Biophysical Journal 76:1835-1846 (1999))	
14	Xu et al., "Multiphoton Excitation of Molecular Fluorophores	s and Nonlinear Laser Microscopy," in Lakowicz, ed.,	
	Topics in Fluorescence Spectroscopy Vol. 5, New York, New	York: Plenum Press, pp. 471-540 (1997)	
15	Shear et al., "Multiphoton-Excited Visible Emission by Serot	onin Solutions,"	
	Photochemistry and Photobiology 65(6):931-936 (1997)		
EXAMINER /Amanda L Lauritzen/		DATE CONSIDERED 09/29/2009	
	12 13 14	Applied Spectroscopy 38(1):38-42 (1984) 12 Dinkel et al., "Remote Two-Photon Excited Phorescence See Analytica Chimica Acta (263:131-136 (1992) 13 Williams et al., "Mucosal Mast Cell Secretion Processes Ima Autofluorescence," Biophysical Journal 76:1835-1846 (1999) 14 Xu et al., "Multiphoton Excitation of Molecular Phorophore Topics in Fluorescence, Spectroscopy, Vol. 5, New York, New 15 Shear et al., "Multiphoton-Excited Visible Emission by Scrot Photochemistry, and Photobiology, 65(6):931-936 (1997)	

eccipt date: 07/28/2005	• •	10001643Shee@Aft5: 37
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO 1 P F	SERIAL NO.
	19603/3541 (CRF D-2694A)	10/001,643
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT JUL 2 8 2005 8	
	Hyman et al.	
(use several sheets if necessary)	FILING DATE TRADENANT	GROUP ART UNIT
(PTO-1449)	October 31, 2001	3737

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
				1		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	16	Xu et al., "Multiphoton Excitation Cross-sections of Molecul	ar Fluorophores," Bioimaging 4:198-207 (1996)		
	17	Maiti et al., "Measuring Serotonin Distribution in Live Cells	with Three-Photon Excitation," Science 275:530-532 (1997)		
	18	Xu et al., "Multiphoton Fluorescence Excitation: New Spect	ral Windows for Biological Nonlinear Microscopy,"		
		Proc. Natl. Acad. Sci. USA 93:10763-10768 (1996)			
	19	Lago et al., "Two-Photon-Induced Fluorescence of Biologica	l Markers Based on Optical Fibers,"		
		Optics Letters 20(20):2054-2056 (1995)			
	20	Williams et al., "Two-Photon Molecular Excitation Provides	Williams et al., "Two-Photon Molecular Excitation Provides Intrinsic 3-Dimensional Resolution for Laser-based Microscopy and		
	İ	Microphotochemistry," FASEB Journal 8:804-813 (1994)			
	21	Denk et al., "Two-Photon Molecular Excitation in Laser-Scanning Microscopy," in Pawley, ed.,			
		Handbook of Biological Confocal Microscopy, New York, New York: Plenum Press, pp. 445-458 (1995)			
	22	Webb, "Non-Linear Laser Microscopy," Progress in Biophys	ics & Molecular Biology XIIth International Biophysics Congress,		
		65:20 (1996) (Abstract)			
	23	Webb et al., "Multiphoton Fluorescence Correlation Spectroscopy with Single Molecules in Living Cells," 4th International			
		Weber Symposium on Innovative Fluorescence Methodologi	es in Biochemistry and Medicine (1999) (Abstract)		
	24	Nichols et al., "Visualization of Mitochondria Via Two-Phot	on Microscopy of NADH: Indentifying Conditions that Maintain		
		Cell Viability," Biophysics Journal 76:A9 (1999) (Abstract)			
	25	Nichols et al., "Identification of the Principle Sources of Two	-Photon Autofluorescence From HeLa Cell Monolayers,"		
		Biophysics Journal 72:A346 (1997) (Abstract)			
EXAMINER	/Am	anda L. Lauritzen/	DATE CONSIDERED 09/29/2009		

Receipt date: 07/28/2005	<u> </u>	10001643 ^{Shee(3} A(5): 373
U.S. DEPARTMENT OF COMMERCE	ATTY, DOCKET NO.	SERIAL NO.
PATENT AND TRADEMARK OFFICE	19603/3541 (CRE/D-2094A)	10/001,643
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT JUL 2 8 2005	
	Hyman et al.	
(use several sheets if necessary)	FILING DATE	GROUP ART UNIT
(PTO-1449)	October 31, 2001	3737

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		26	Williams et al., "Three-Photon Excitation Imaging of Seroton	nin Secretion by RBL-2H3 Cells,"			
			Biophysics Journal 72:A156 (1997) (Abstract)				
		27	Xu et al., "Multiphoton Excitation of Molecular Fluorophore	s and Native Biological Absorbers,"			
	1	ĺ	Biophysics Journal 72:A90 (1997) (Abstract)	Υ			
		28	Shear et al., "Multiphoton-Excited Photochemistry Yields Vi	sible Emission from Serotonin," <u>Biophysics Journal</u> 72:A346 (1997)			
		Ì	(Abstract)				
		29	Xu et al., "Multiphoton Excitation of Fluorophores in Nonlin	ear Laser Microscopy," OSA Annual Meeting/ILS-XII/Optics &			
			Imaging in the Information Age Advance Program p. 158 (19	96) (Abstract)			
		30	Webb, "Biological Applications of Nonlinear Laser Microsoc	ppy," Advanced Solid-State Lasers,			
		Ì	Twelfth Topical Meeting, p. 65 (1997) (Abstract)				
		31	Webb et al., "Multiphoton Molecular Excitation to Illuminate Non-Linear Laser Microscopy," in Barbara et al., eds., Springer				
			Series in Chemical Physics: Ultrafast Phenomena X, Vol. 62	, Berlin: Springer-Verlag, p. 133 (1996) (Abstract)			
		32	Webb, "Non-Linear Optical Microscopy," Biophysics Journa	1 70:A429 (1996) (Abstract)			
		33	Webb, "Non-Linear Laser Microscopy," Photochemistry and	Photobiology 63:45S (1996) (Abstract)			
		34	Xu et al., "Three-Photon Excited Fluorescence and Application	ons in Nonlinear Laser Scanning Microscopy,"			
			Biophysics Journal 70: A429 (1996) (Abstract)				
		35	Maiti et al., "Multiphoton Fluorescence Spectroscopy Throug	th Optical Fibers," Biophysics Journal 72:A217 (1997) (Abstract)			
		Ì					
EXAMINE	R.	!		DATE CONSIDERED			
		Aman	da L. Lauritzen/	09/29/2009			
				<u> </u>			

	eccipt date: 07/28/2005		10001643Sheqt(A)(5): 3737
ì	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO.
ı	PATENT AND TRADEMARK OFFICE	19603/3541 (CRV D-2694A)	10/001,643
ı	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT JUL 2 8 2005 5	
ı		Hyman et al.	
ı	(use several sheets if necessary)	FILING DATE	GROUP ART UNIT
ı	(PTO-1449)	October 31, 2001	3737

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	36	4,576,173	03/18/86	Parker et al.		1	
	37	4,592,361	06/03/86	Parker et al.			
	38	4,895,156	01/23/90	Schulze			
	39	5,119,815	06/09/92	Chance			
	40	5,127,405	07/07/92	Alcala et al.			
	41	5,197,470	03/30/93	Helfer et al.			
	42	5,311,013	05/10/94	Gutcheck et al.			
	43	5,323,775	06/28/94	Joshi et al.			
	44	5,333,044	07/26,94	Shaffer			
	45	5,341,805	08/30/94	Stavridi et al.			
	46	5,579,773	12/03/96	Vo-Dinh et al.			
	47	5,628,310	05/13/97	Rao et al.			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	48	Masters et al., "Confocal Microscopy and Multi-Photo	n Excitation Microscopy of Human Skin In Vivo,"	
		Optics Express 8(1):2-10 (2001)		
	49	Masters et al., "Multiphoton Excitation Microscopy of	Human Skin In Vivo: Early Development of an Optical Biopsy,"	
		In SFM99 (Saratov Fall Meeting 99), Saratov State Un	iversity Optics Department, Russia (1999)	
	50	Helmchen et al., "A Miniaturized Two-Photon Fiber-S	canning Microscope for In Vivo Imaging," Society for Neuroscience	
		Vol. 25:Abstract 322.1 (1999) (abstract)		
	51	Glanzmann et al., "Time-Resolved Spectrofluorometer	for Clinical Tissue Characterization During Endoscopy,"	
		Review of Scientific Instruments 70(10):4067-4077 (1999)		
	52	Arendt et al., "Investigation of Early Cancerous Changes in Bladder Tissue by Autofluorescence,"		
-		Proceedings - 19th International Conference - IEEE/EM	IBS pp. 2290-2293 (1997)	
	53	Zonios et al., "Morphological Model of Human Colon Tissue Fluorescence,"		
		1EEE Transactions on Biomedical Engineering 43(2):11	3-122 (1996)	
XAMINER /Amanda L. Lauritzen/		ında L. Lauritzen/	DATE CONSIDERED 09/29/2009	

COIDT dato: 07/28/2005 J.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	10001643 ^{Shee} AIS : 3
	19603/3541 (CRF D-2694A)	10/001,643
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT JUL 2 8 2005	
(use several sheets if necessary)	Hyman et al.	
	FILING DATE	GROUP ART UNIT
PTO-1449)	October 31, 2001	3737

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	54	5,419,323	05/30/1995	Kittrell et al.			
	55	5,986,271	11/16/1999	Lazarev et al.			
	56	6,070,096	05/30/2000	Hayashi			
	57	6,178,041 BI	01/23/2001	Simon			
	58	6,201,989 B1	03/13/2001	Whitehead et al.			
	59	6,212,425 B1	04/03/2001	lrion et al.			
	60	6,238,348 BI	05/29/2001	Crowley et al.			
	61	6,178,041 BI	01/23/2001	Simon			
	62	6,344,653 BI	02/05/2002	Webb et al.			
	63	6,166,385	12/26/2000	Webb et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER /Ar	nanda l	Lauritzen/	DATE CONSIDERED 09/29/2009	